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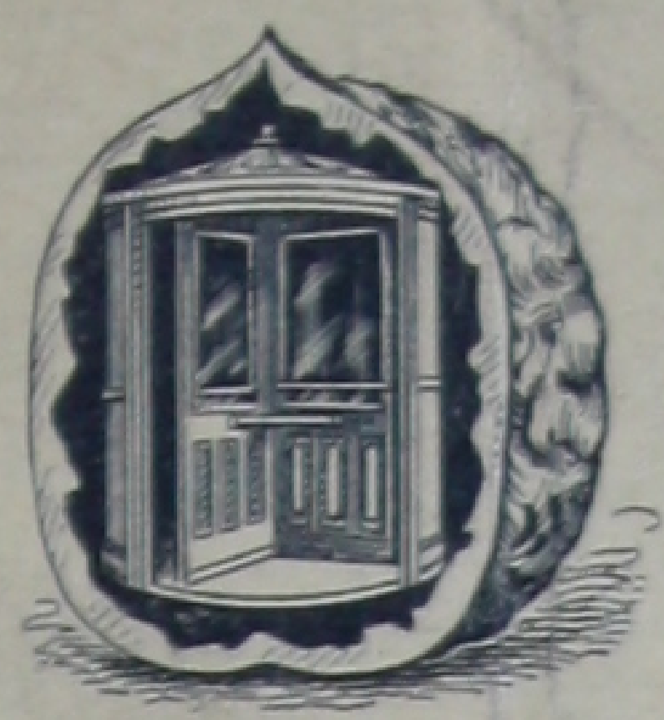
From
REFERENCE. PAMPHLET.

(Form No. 1
Edition 1898.)

THE REVOLVING DOOR IN A NUTSHELL.



"A door that has no springs—no weights—no checks;
"Never needs closing—can not be left open—blown open—nor slammed;
"Keeps out all wind—snow—rain and dust, while persons are passing in and out.

"ALWAYS ⊕ CLOSED."

ONE of the most vexatious problems met with in the construction and maintenance of **Office and Municipal Buildings, Court Houses, Post Offices, Railroad Depots, Bank Buildings, etc.,** has been satisfactorily solved by the invention and development of **The Revolving Door.**

A COMPARISON.

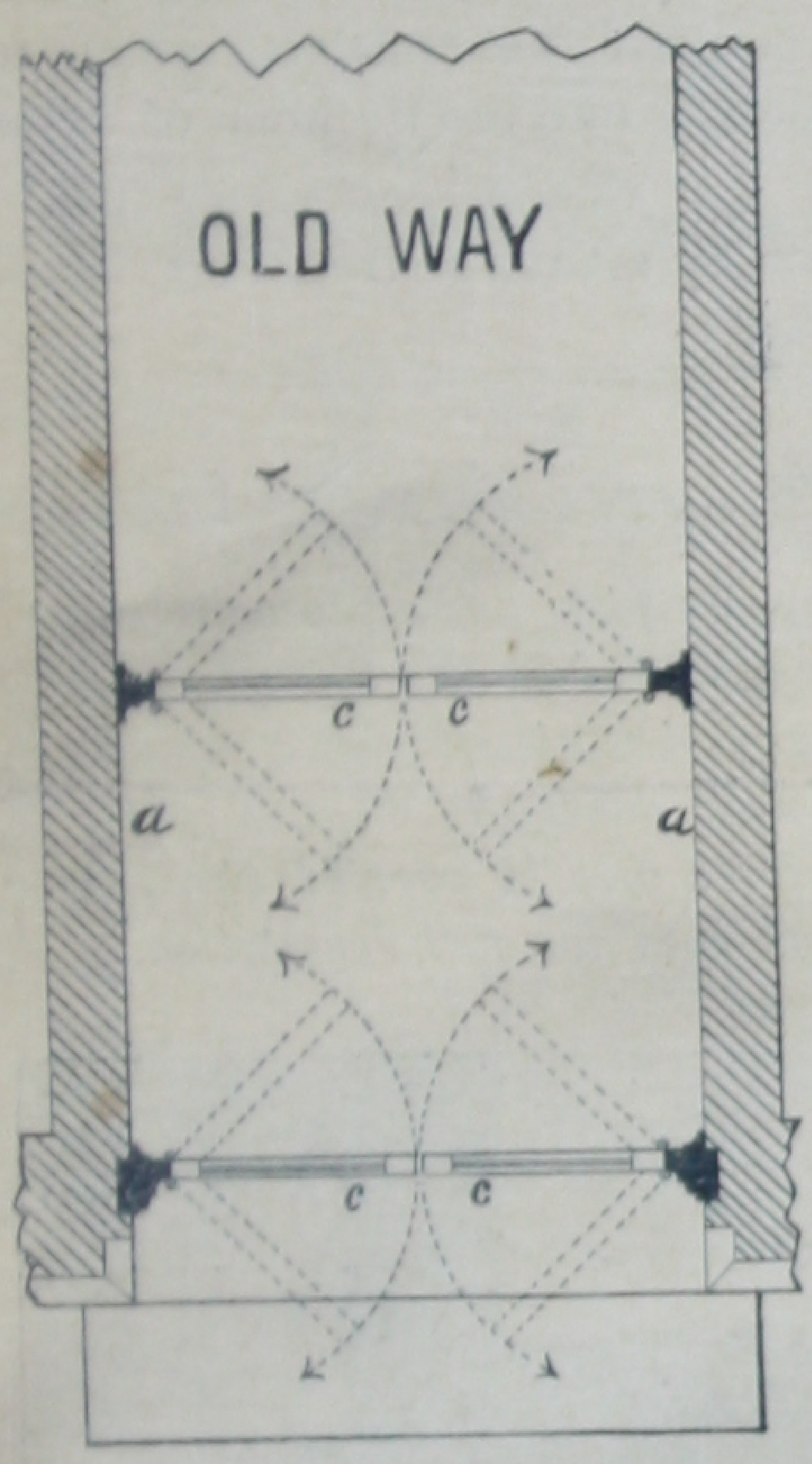


Figure 1.

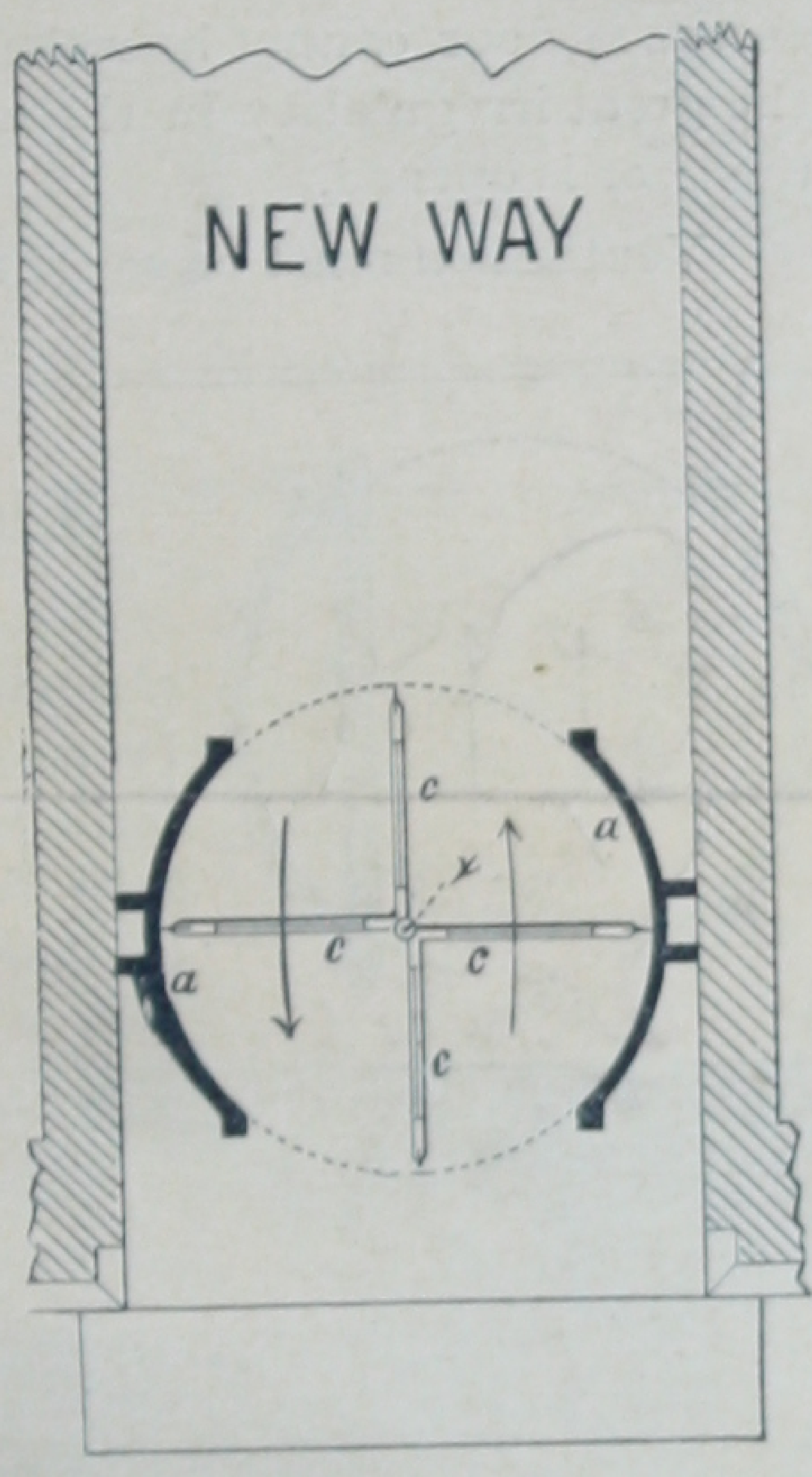


Figure 2.

The diagram Fig. 1 shows a familiar type of the storm door system in general use, a considerable space being left between the inner and outer sets of doors *c*, which swing both ways as shown by the dotted lines. They are **always open** while persons are passing in and out.

The essential elements of a **Revolving Door** can be produced from the arrangement above described, by removing all hinges, springs and air-buffers from the four doors or wings *c*; joining them at the center *x*; mounting them on a central pivot, and bringing the walls *a* to the proper curve as shown. It is **"Always Closed"** while persons are passing in and out.

The action is noiseless; the four wings *c*, are **balanced,** so the strongest wind has no effect on them. No matter where the four combined wings happen to come to a stop, two of them will ever be in contact with the curved walls, preventing all wind from entering the building.

So completely is it a **Storm-proof Door** that even during a gale, the flame of a match will not be extinguished when held within a foot of the rapidly revolving wings.

No outlay can be made for a building that affords so much comfort and gives so large a return for the money as the adoption of the Revolving Door.

Owing to its symmetrical and compact form, it is easily made **a permanent part of the building,** saving the space heretofore wasted to make room for a number of noisy flapping doors and a formidable array of radiators.

ARCHITECTURAL EFFECTS.

The **appearance** of the Revolving Door must also be considered an important factor, as an attractive entrance to a building has always been desirable and much money is expended in making and keeping it attractive. But it often happens after lavishing large sums of money on the main entrance of a handsome building we see its beauty marred by erecting a common **"Storm Shed"** of which Figure 4 is a familiar type.

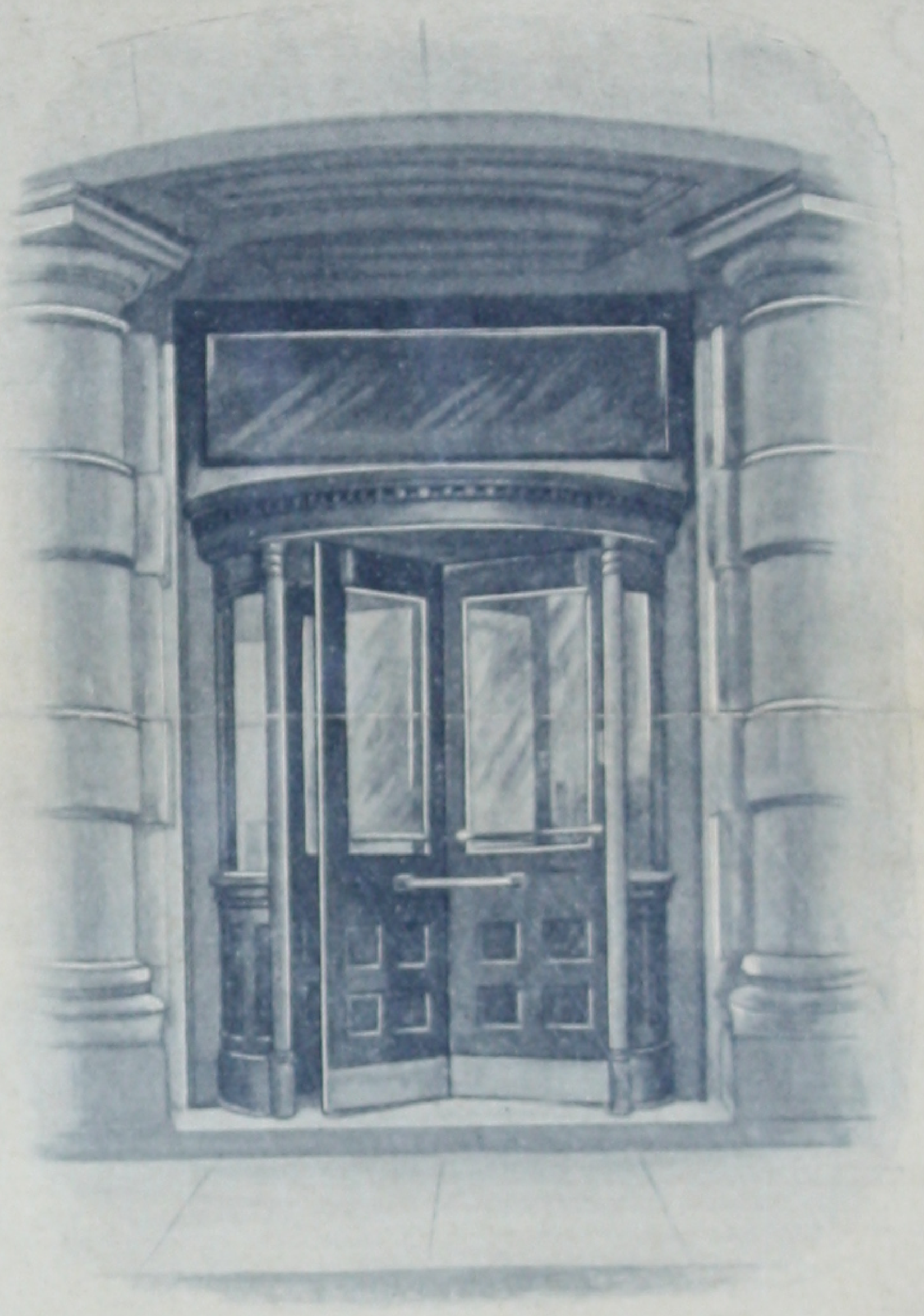


Figure 3.—STREET VIEW OF THE REVOLVING DOOR.

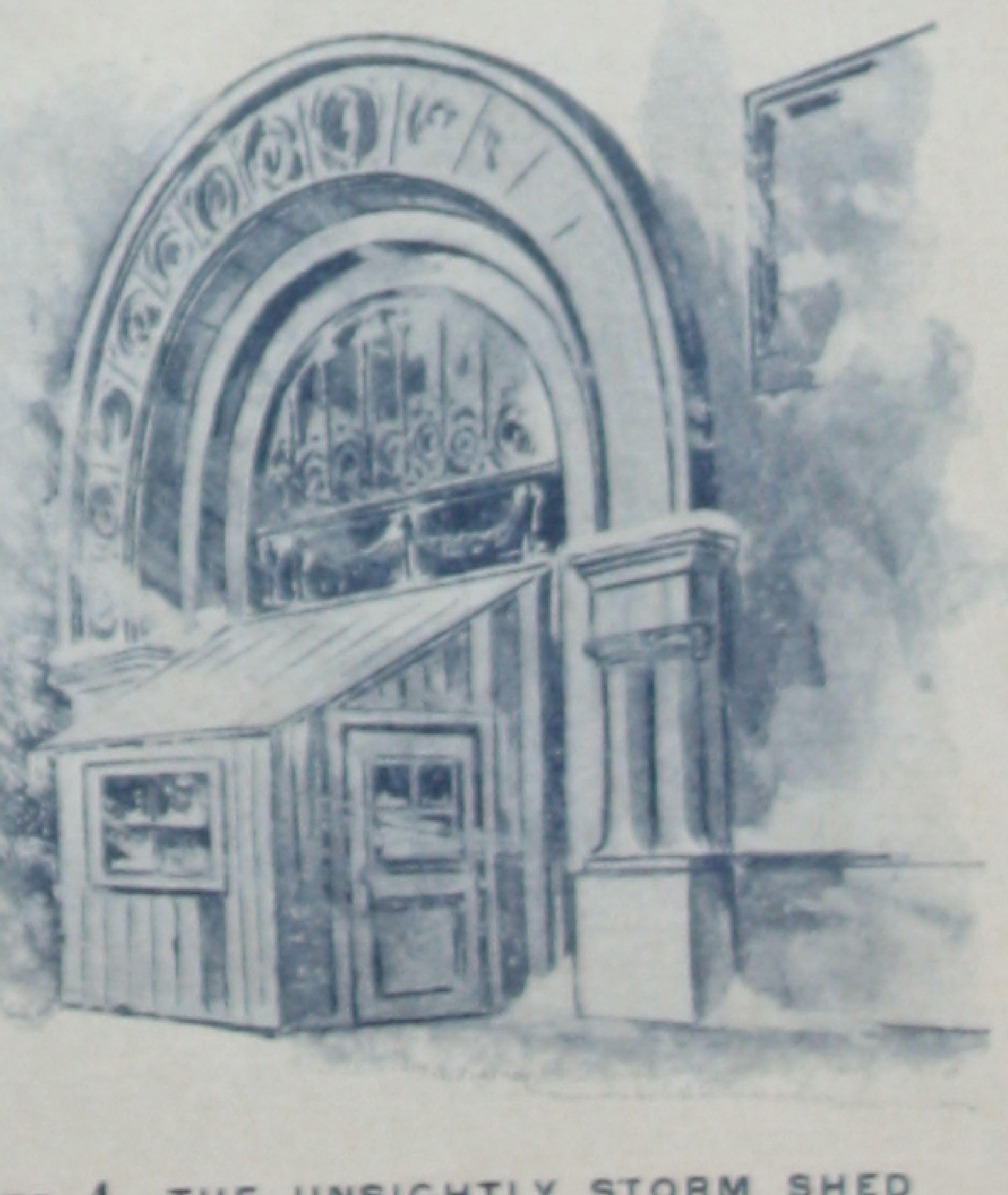
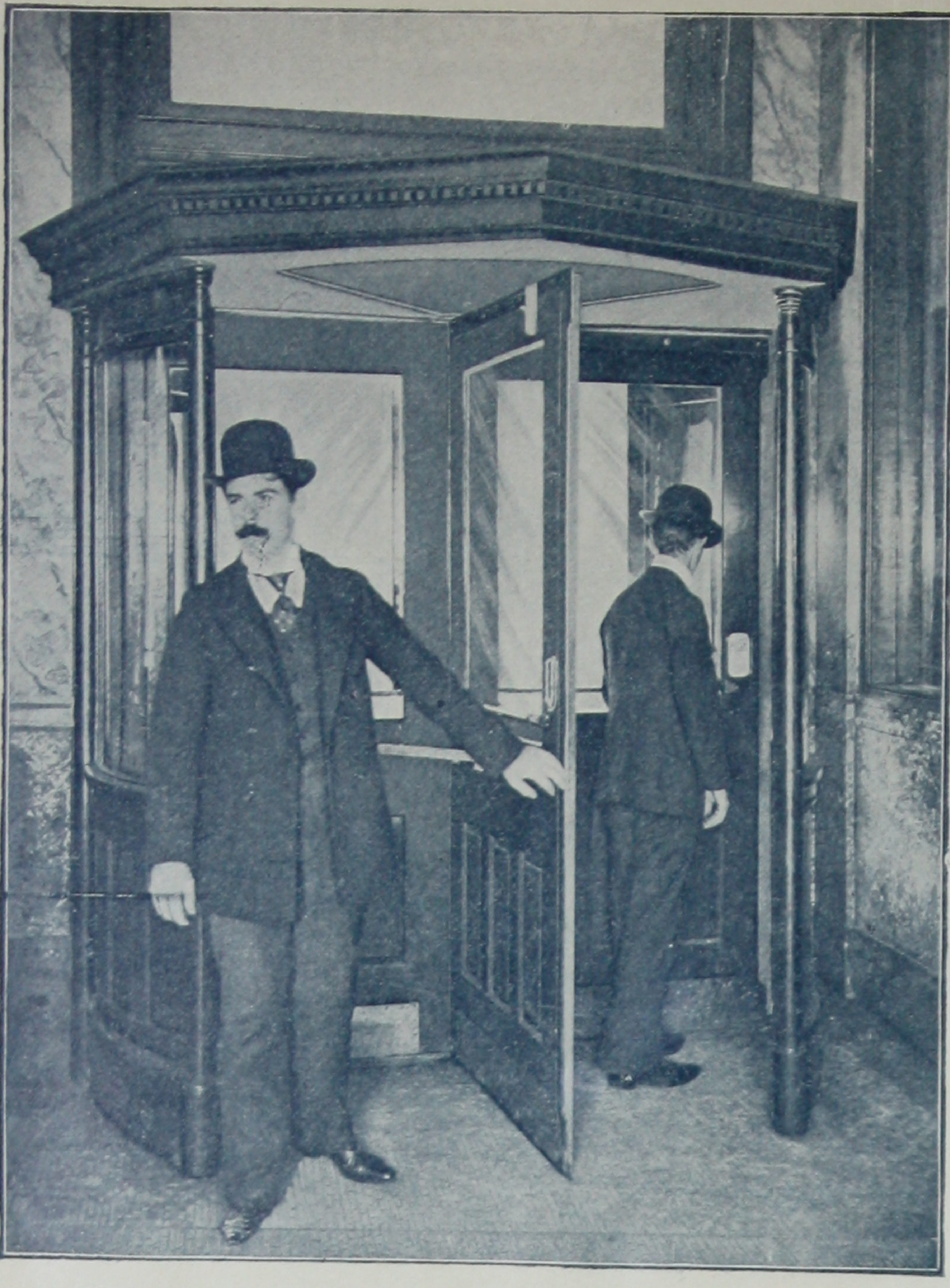


Figure 4.—THE UNSIGHTLY STORM SHED



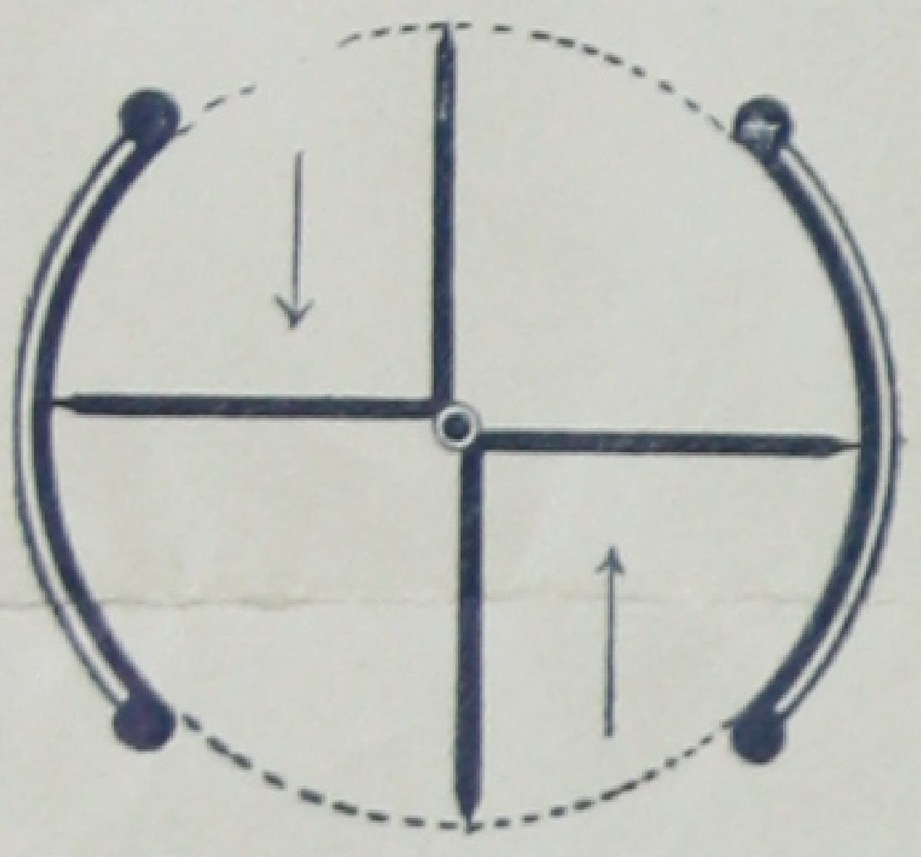


Fig. 5.—*REVOLVING POSITION.*

The diagram-plan and perspective above show the wings EXTENDED AND REVOLVING. Free passage is given to persons in and out, but at no time can any wind or dust pass through. It is "ALWAYS CLOSED."

SOME LEADING FEATURES
OF THE REVOLVING DOOR.

It takes the place of **ALL THE DOORS** *in the main entrance. The Revolving Door is its own vestibule, none other is required. It economizes space and dispenses entirely with the unsightly* **"Storm Houses"** *and* **"Sheds"**.

It is the **most effective** *fuel-saver ever devised.*

By keeping the ingoing and outgoing crowds separated, it **prevents collisions,** *thus accommodating a greater number of passers than any other door system.*

The **noiseless action** *of the door itself, as well as the exclusion of street noise is especially important in churches, theatres, lecture halls, libraries, court-rooms, etc.*

It makes an **accessible entrance,** *free from obstructions, and as light and airy in appearance, as if no winter doors were in use.*

The four wings **may be folded** *flat on each other, and* **moved aside** *by one person, single handed, in the fraction of a minute, thus leaving a clear passage way for furniture, bulky packages, or full ventilation.*

The **elegant appearance** *of the structure makes its removal during the summer season unnecessary.* **It is a door for all the seasons.**

The **COMPLETE EXCLUSION** *of all wind, rain, snow and dust,* **during the severest storms,** *while persons are passing in and out, is* **the crowning merit** *of the Revolving Door*

Figures 5 to 8 represent our Style E doors. They are handsomely made of the best material and best cabinet work. The ceilings are made with deep cornice and two sunken panels underneath, all being veneered. The bent plate glasses in the curved walls are usually 27 x 45 inches in size, and give the structure a rich and elegant appearance, an ornament for the finest of buildings. Panels are also shown below the bent glass and handsome turned posts form the four jambs. For full illustrated description of various styles of Revolving Doors, see circular No. 7.

UNIFORMITY OF TEMPERATURE,

next to the saving of heat, is the most important consideration. It is not sufficient that we have an adequately high *average temperature.* The building may be overheated in one portion, and be chilling cold in another, near the main entrance—for example; or it may be uniformly too hot at one time, and too cold at another, as when a large crowd suddenly passes in and out, keeping the doors practically open. For **health, comfort and economy,** the temperature must be kept uniform both as to **place and time.**

This desirable condition is attainable only by an entrance door that is **"always closed,"** excluding the cold wind under **all circumstances and conditions,** whether **one** or **fifty** persons pass through it in a given time.

VENTILATION.

"*But what do you do for ventilation?*" you ask.

Every one familiar with the subject knows that the main entrance door cannot be relied upon for **Ventilation,** owing to the great irregularity in the frequency and the number of times the door is opened.

Ventilation must be sought for by means of transoms, flues,

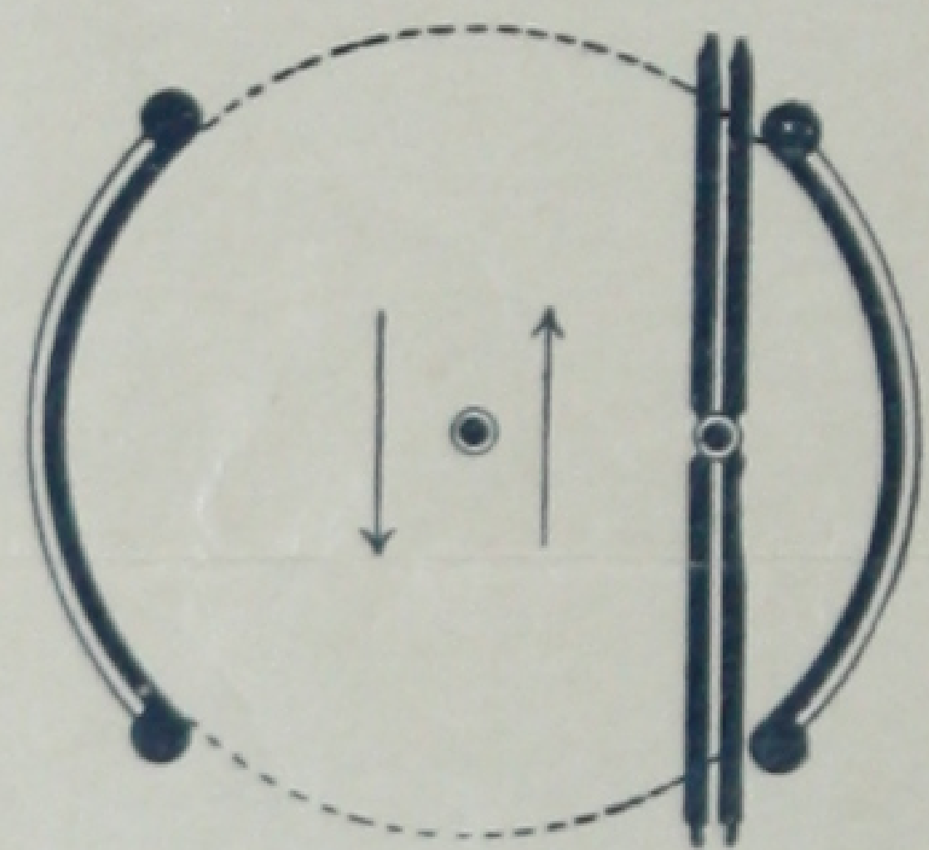
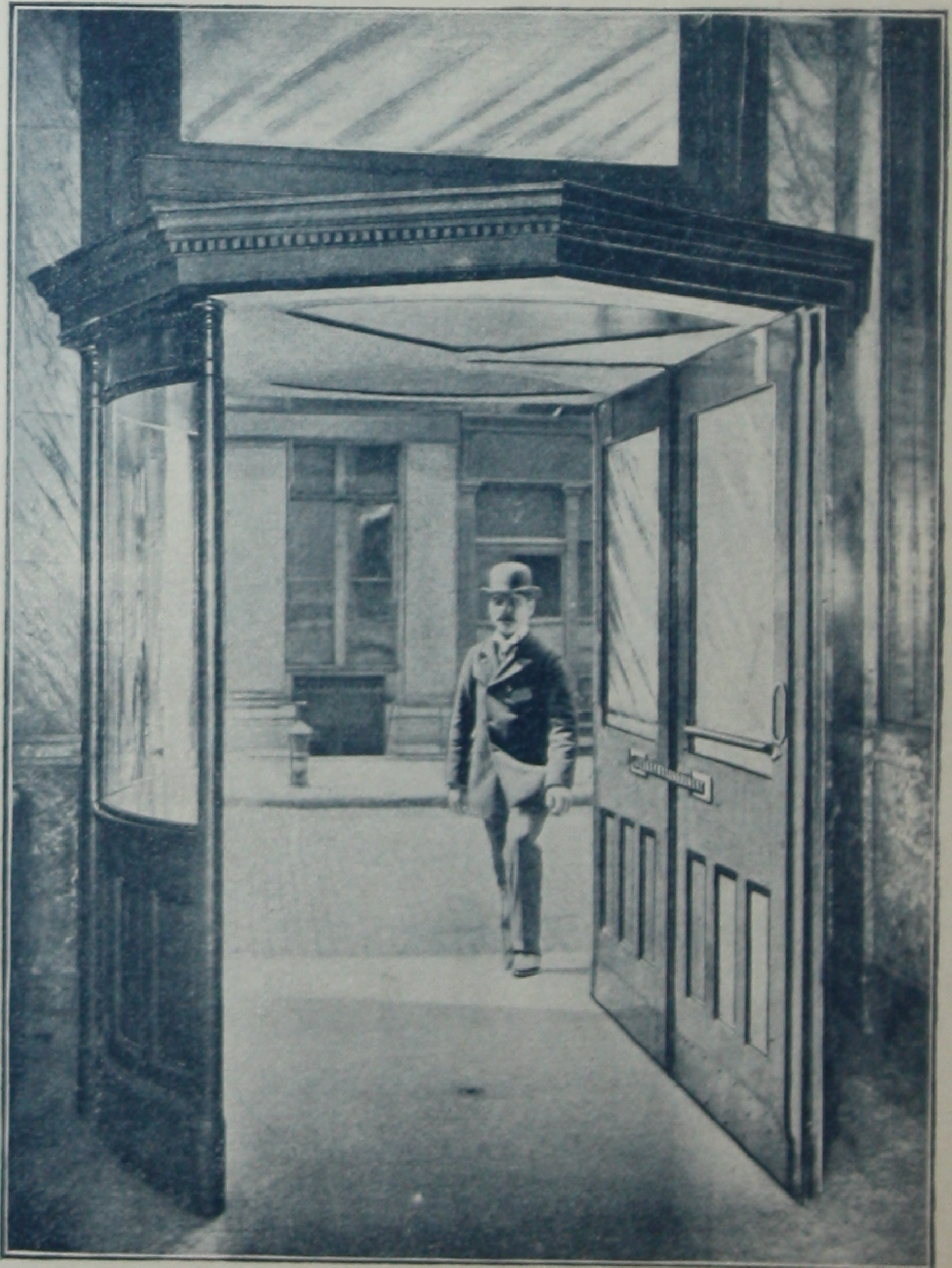
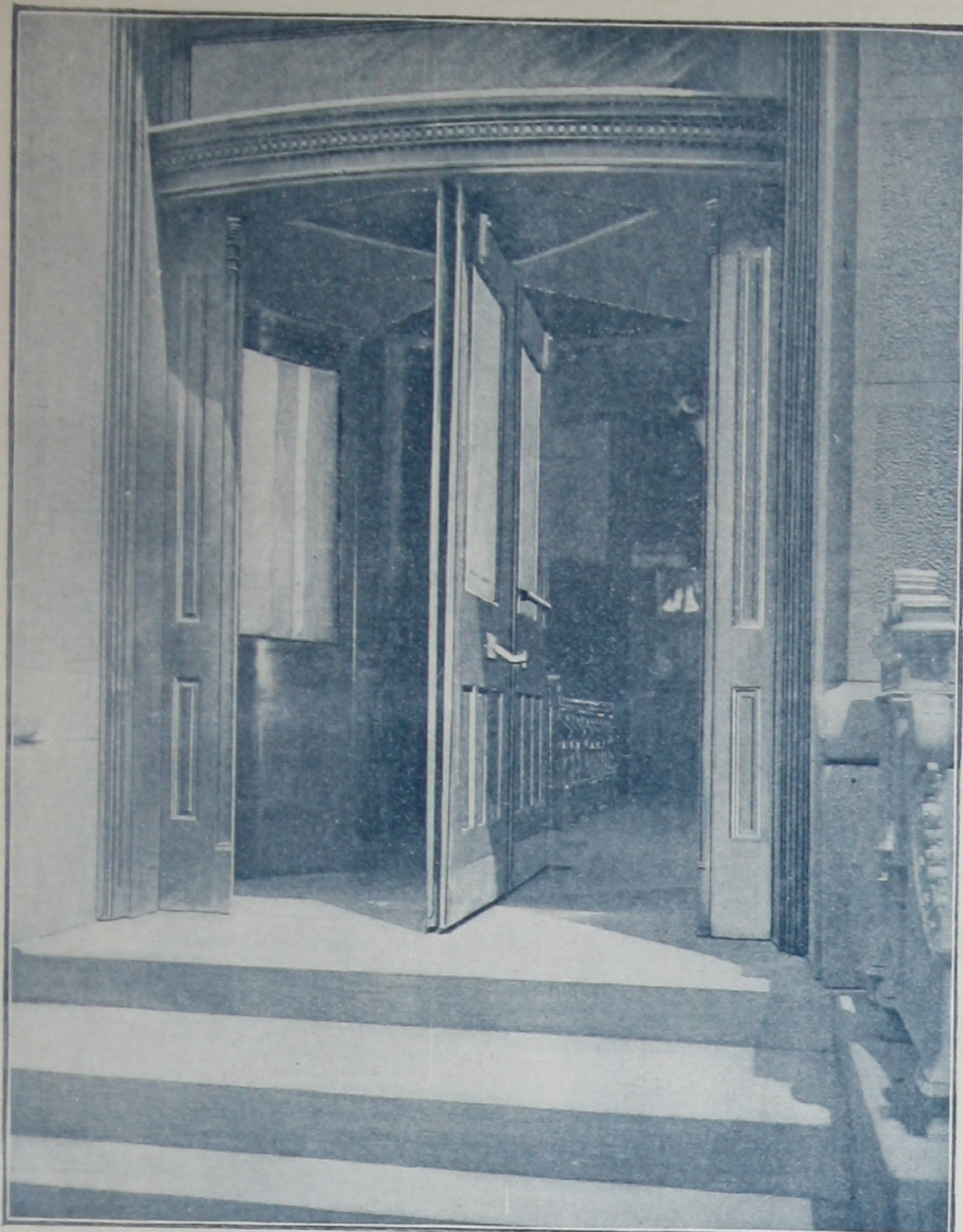


Fig. 6.—*FULL-OPEN POSITION.*

This diagram-plan and perspective below, show the wings FOLDED AND PUSHED ASIDE. The wings are folded close together, thus leaving a full-open passage. In this position bulky furniture may be carried through or the door left open for full ventilation.





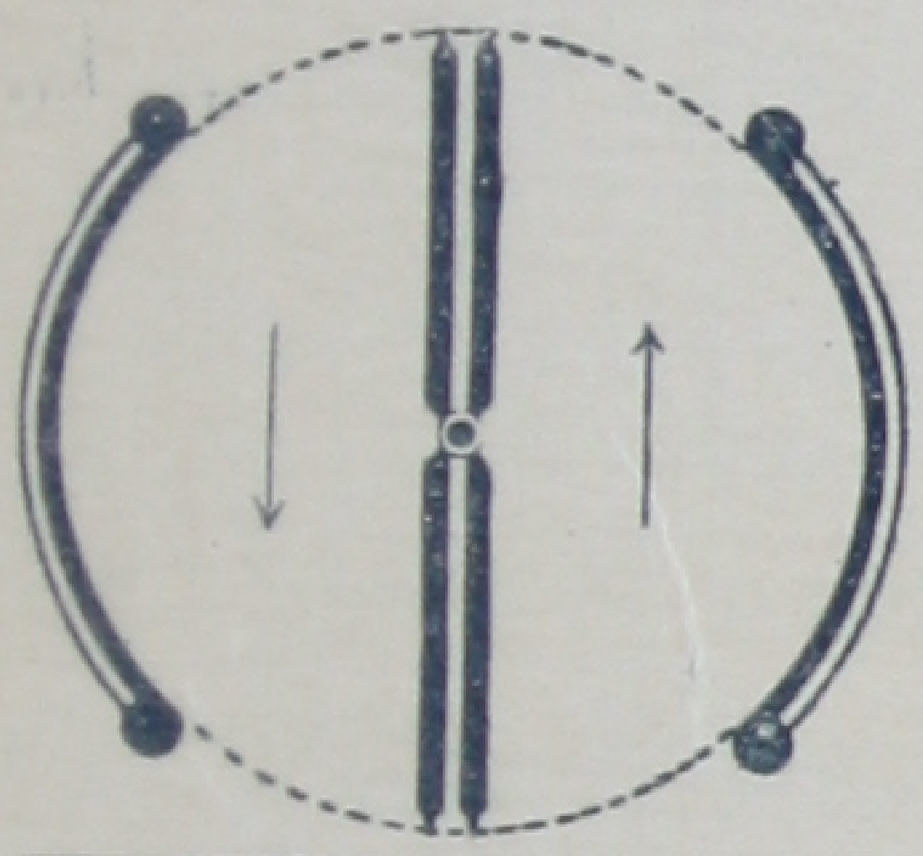


Fig. 7.—*CENTRAL OPEN POSITION.*

This diagram-plan and perspective above show the wings folded flat on each other and bolted to the ceiling in the center, but not moved aside. It gives ***TWO HALF-WIDTH PASSAGES****, separating the ingoing and outgoing crowds.*

etc., which permit a uniform volume of air to pass in a given time, regardless of the number of persons passing.

CAPACITY AND OPERATION.

The Revolving Door has a greater capacity than any other system of storm doors in proportion to the space occupied. All confusion and collision is avoided, the ingoing and outgoing streams being separated, as each wing of the revolving structure moving **in the same direction** as the two crowds, there is no interruption.

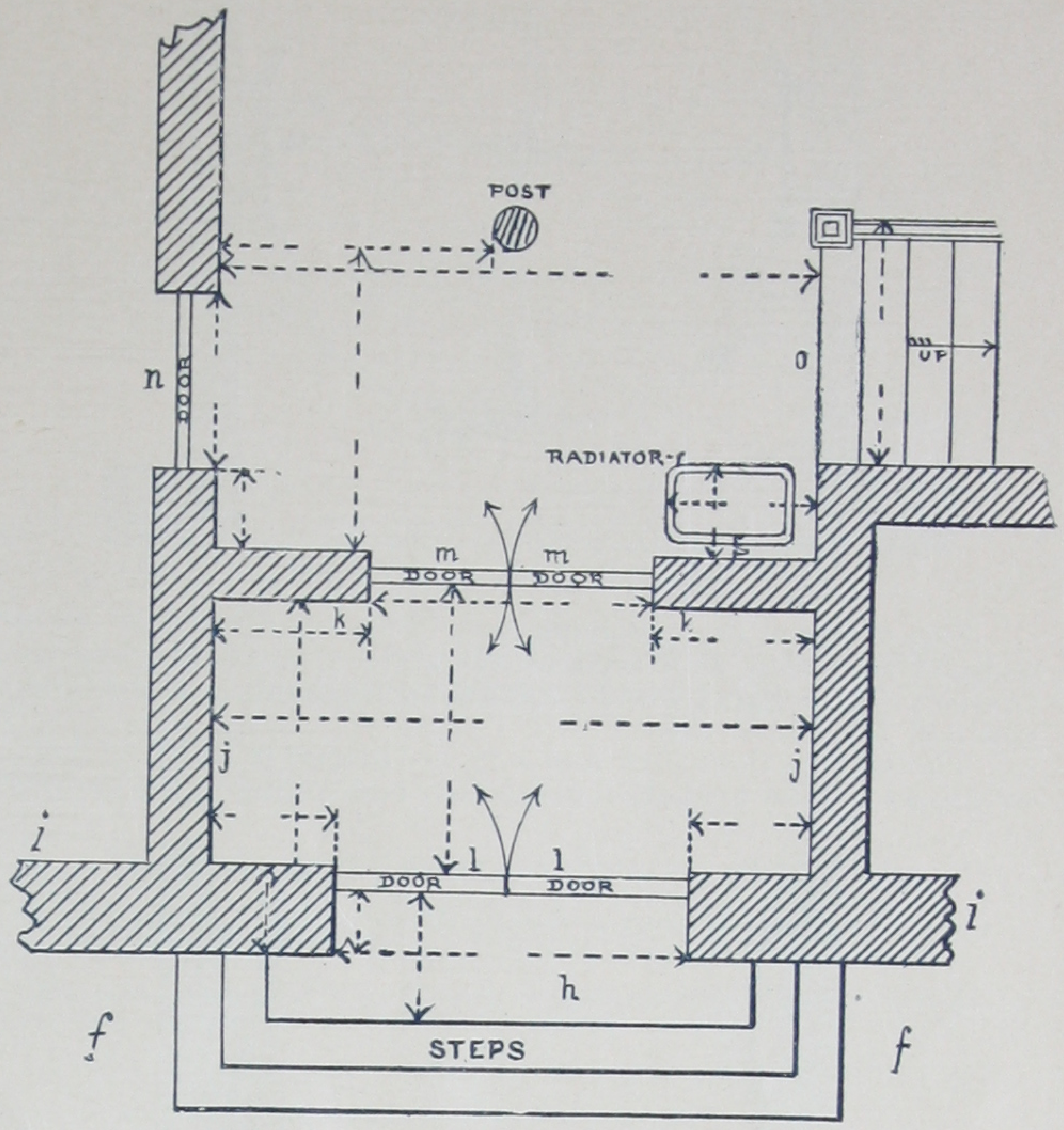
The **noiseless** and **easy action** of the Revolving Door is a valuable feature; there are no screaking springs to close it, and no whistling checks to counteract the springs; no slamming, no pinched fingers, no breaking of glass. The door is perfectly balanced, so that even a child can pass through it with ease **against a driving storm.**

Directions for taking Measurements.

WHEN WRITING FOR ESTIMATE,

Send a sketch of the entrance, as indicated by specimen diagram following. Write all dimensions plainly between arrow heads.

1. Give distance from the doors *l* (when closed) outward to first step *h* and state number of steps. Also distance between any columns or other permanent objects outside the entrance.
2. Distance from outer doors *l*, (when closed) inward to nearest object, such as other sets of doors *m*, counters, pillars, stairs, radiators, etc.
3. Distance between door jambs and from each jamb to the side walls *j*, as well as the thickness of these jambs.
4. Thickness of doors.
5. Distance from floor to transom bar.
6. Height and width of saddle or threshold above floor. State of what material it is made and whether it lays on top of the floor or is imbedded ?
7. Is floor at doorway level and of what material is it constructed ? If not level, what is amount of pitch per foot?
8. State kind of wood and finish required.
9. Send full size detail of door frame and transom bar.



(*Specimen Diagram of the entrance looking down on the floor.*)

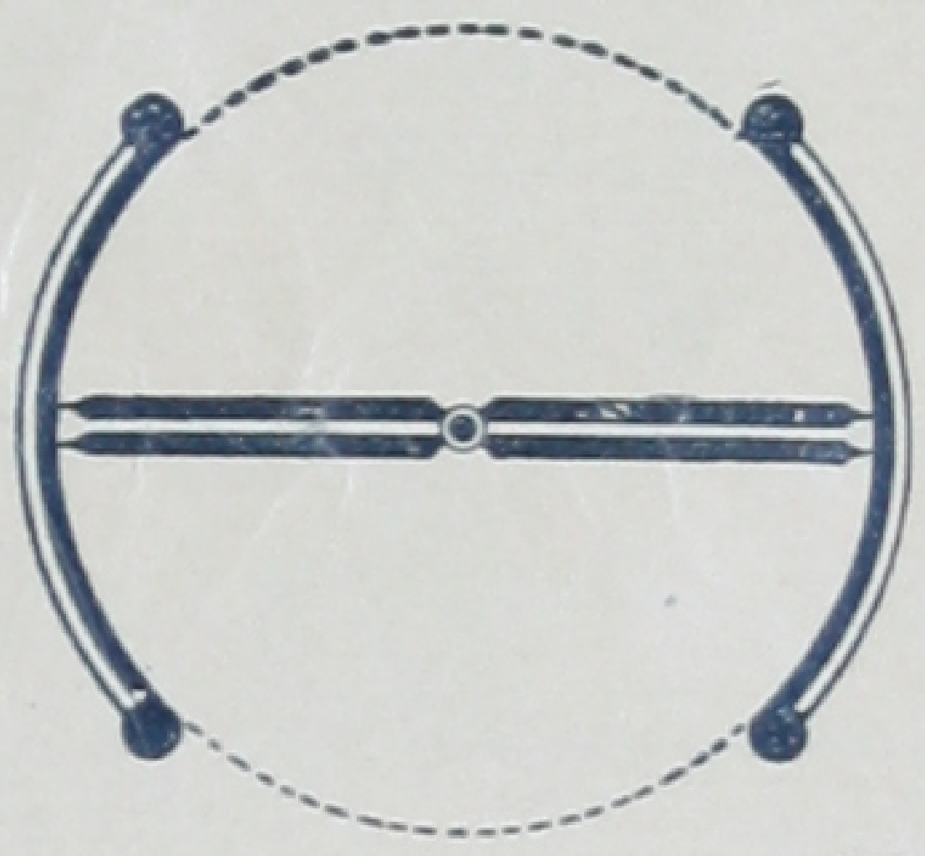
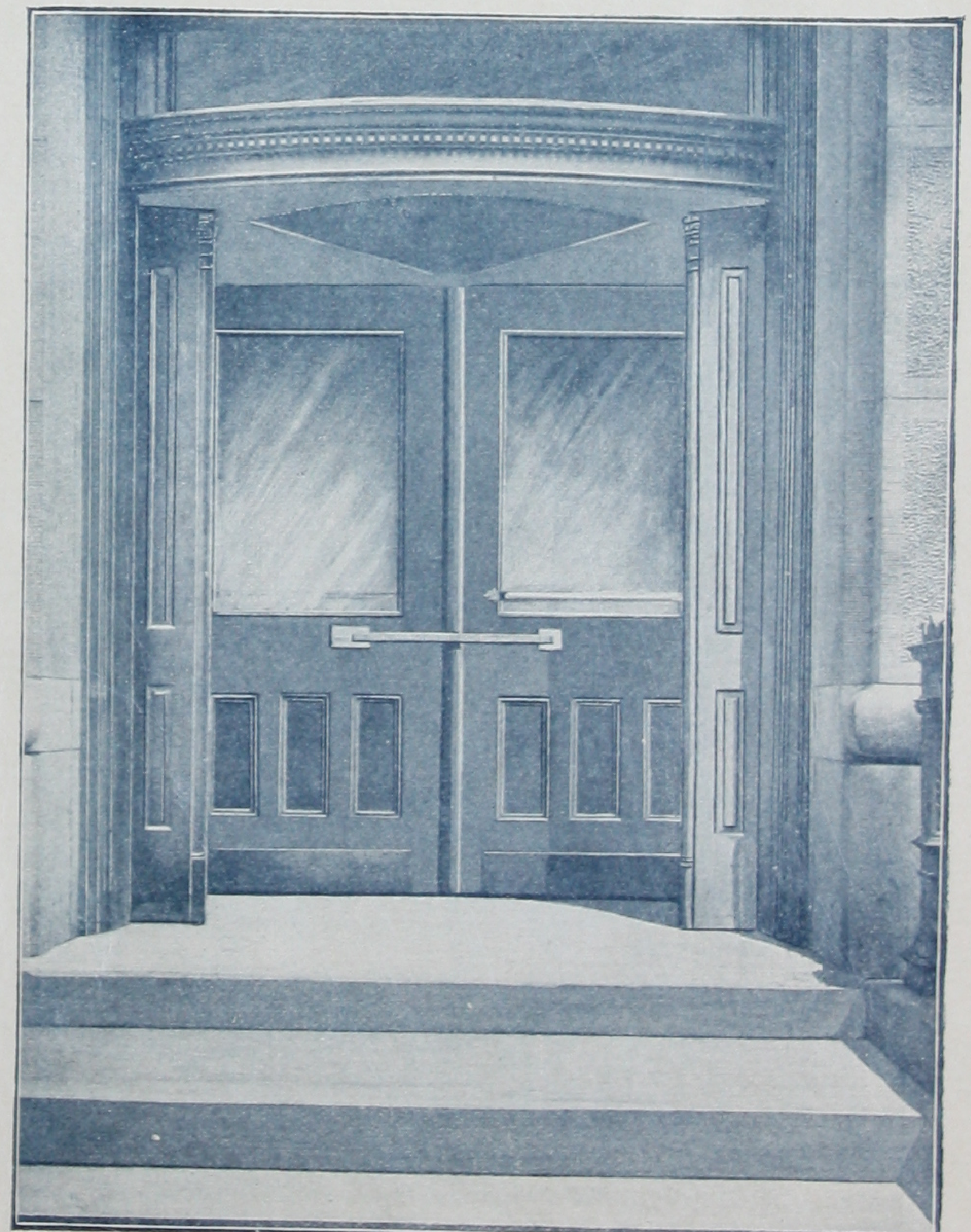


Fig. 8.—*LOCKED POSITION.*

This diagram-plan and perspective below show the folded wings placed transversely across the circular vestibule, and locked to the ceiling.

Other devices for safety locking are shown on next page and in Circular No. 7, suitable for Banks, Stores, etc.



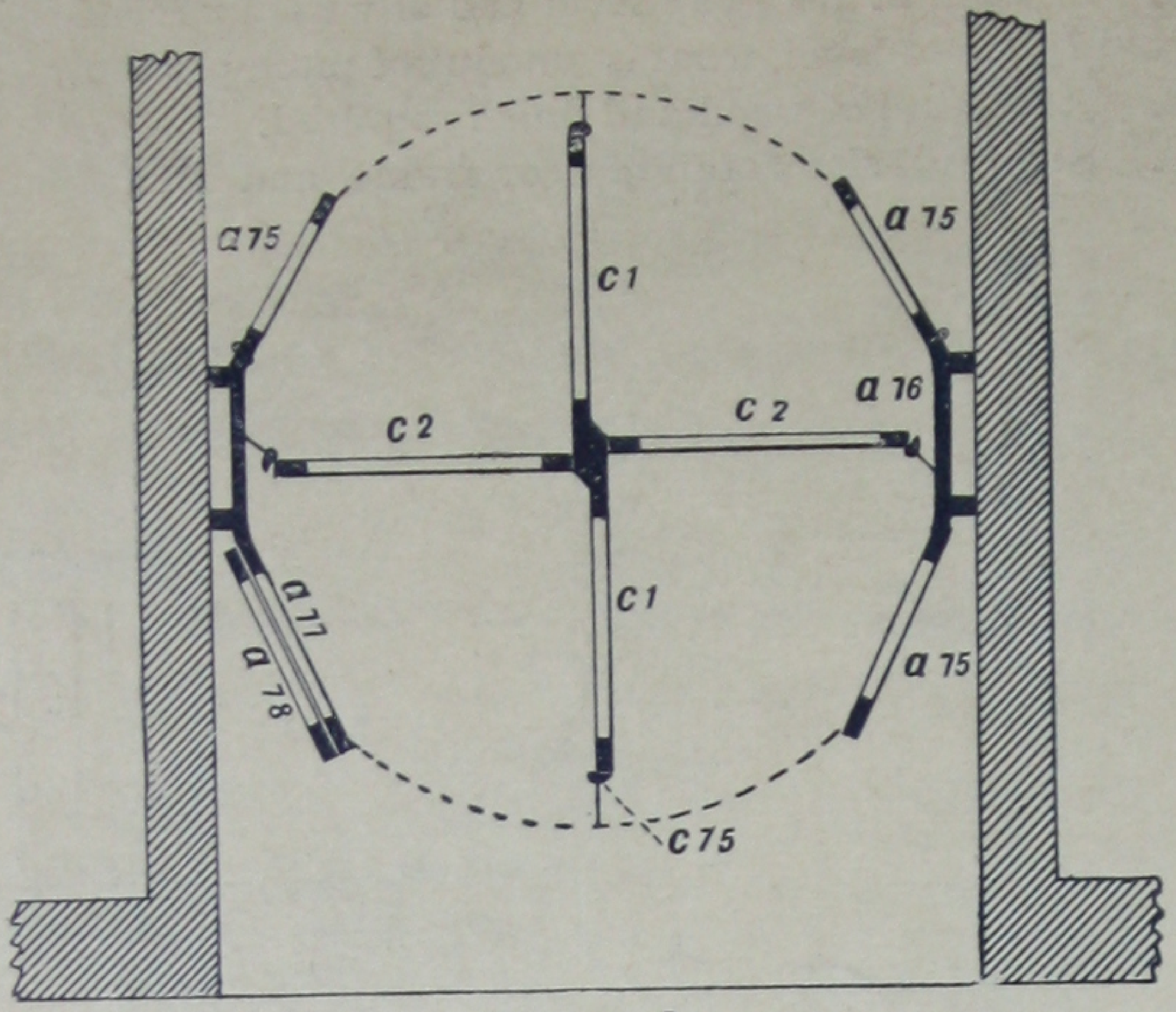


Figure 9.

Fig. 9 shows the revolving door with supplementary wall-section *a 78*, which with sections *a 75* and *a 77* are used for safety closing. The wings *c 1* and *c 2*,are shown extended, in revolving position, for Winter use.

The wall-sections *a 75* and *a 77*, are hinged to the fixed wall-section *a 76*. They are bolted to the floor and ceiling in the various positions shown; *a 75* has an ordinary mortice lock that may be opened from either side, by means of a key.

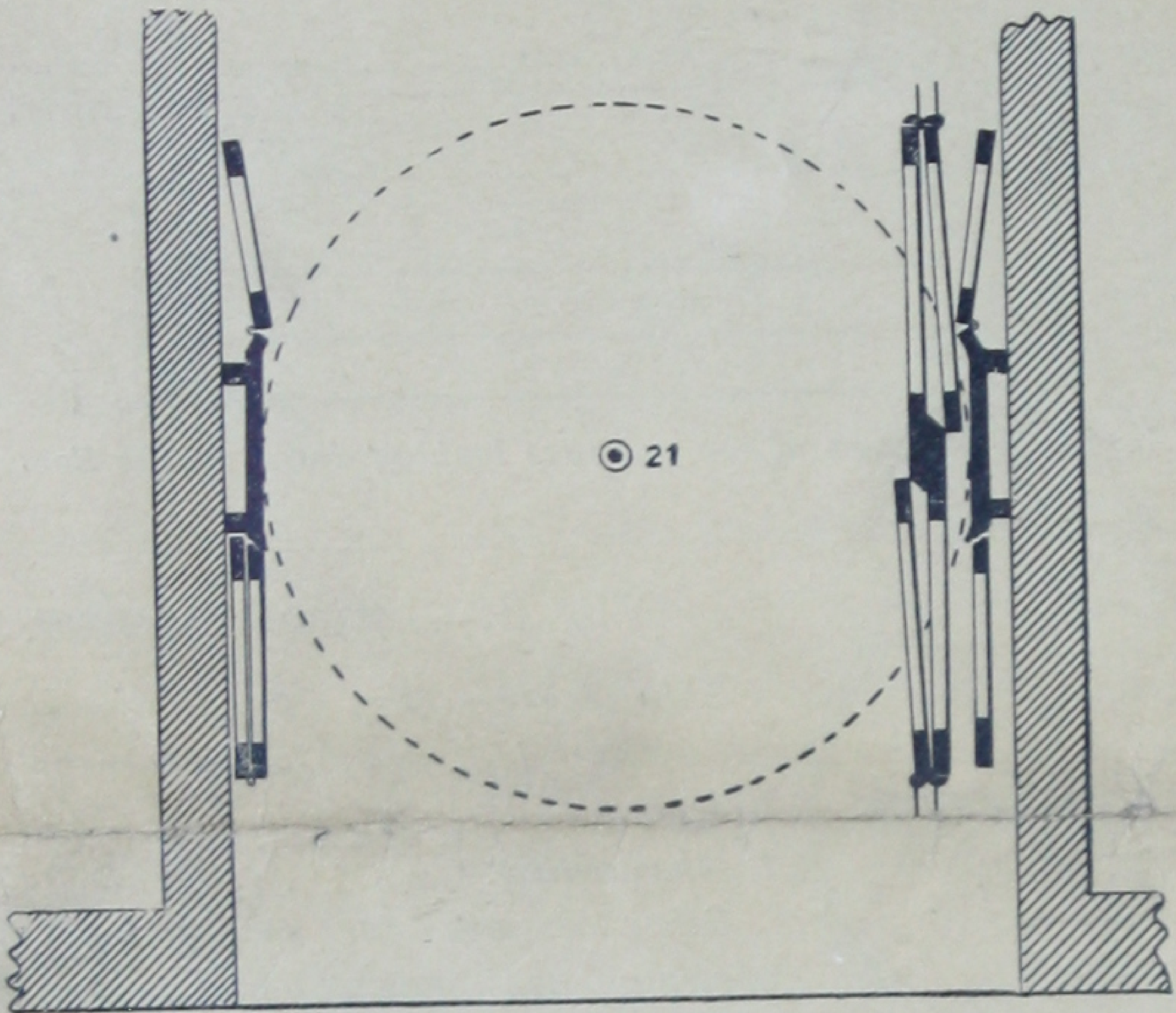


Figure 10.

Fig. 10 shows full open position, with hinged sections *a 75*, *a 77* and *a 78* folded back against walls of building and the four wings *c 1* and *c 2*, folded on each other and pushed to one side, giving an extra wide opening for passing bulky furniture, or for use in Summer.

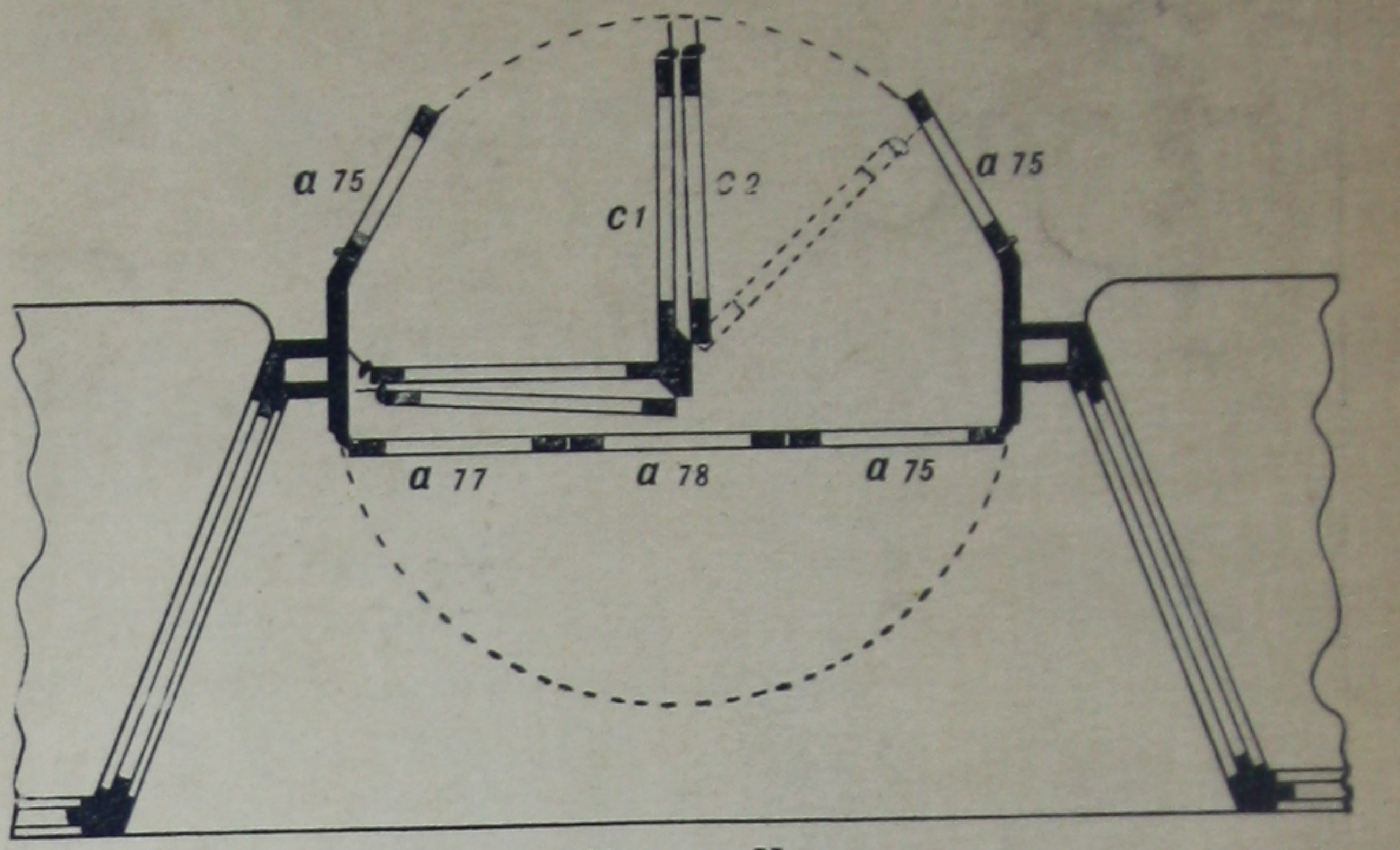


Figure 11.

Fig. 11 shows the wings folded in such manner as to allow the closing of the hinged wall-sections *a 75* and *a 77* and the supplementary wall-section *a 78*, in a straight line across the entrance, making a neat and efficient safety closure at night. The wing *c 2*, shown in dotted lines, may be arranged to act as an inner door, in severely cold weather, when opening the hinged wall-section *a 75*, to permit entrance of watchman. An air-chamber is formed in the space between the wing *c 2*, and the hinged wall-section *a 75*, affording all the benefits of a vestibule.

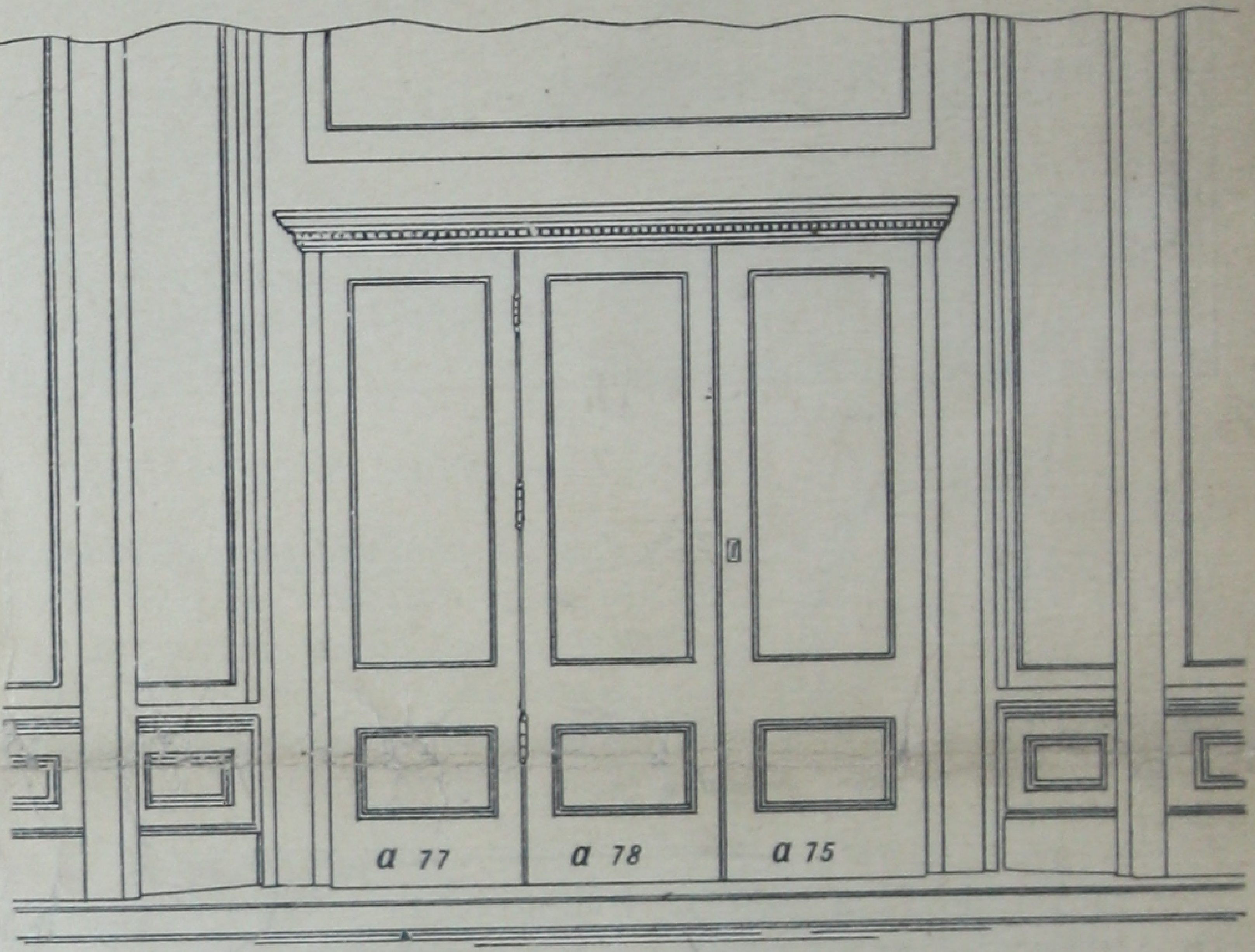


Figure 12.

Fig. 12 is an elevation of Fig. 11, showing the elegant appearance of the door when closed at night. The last two figures represent the revolving door as being especially well adapted for store entrances.

THE OLD STYLE STORM DOOR AS ILLUSTRATED BY "PUCK"

We make doors to meet every condition. Special designs suitable for churches and for theatres; in door-ways of partitions in hotels to exclude the fumes and noise of the kitchen from the dining room or between the office and toilet rooms; doors of special design for stores with show case fronts, etc.

This Company owns and controls the fundamental and all improvement patents on Revolving Doors. The public is warned against making, selling or using structures infringing these patents.

Write for special circulars describing doors for special uses. Send us a sketch of the entrance, as given on previous page, and we will mail you all necessary information and quote you prices.

Remember the Revolving Door begins to earn you money the day it is erected.

Open Correspondence now.

Van Kannel Revolving Door Co.,
253 BROADWAY,
NEW YORK.

Post Offices, Public Buildings, Etc.

	Architects of Bldg's named.
Post Office..............Augusta, Me.	U. S. Supervising Archt.
“ ....Cincinnati, O.	“ “
“ ....Coldwater, Mich.	“ “
“ ....Duluth, Minn.	“ “
“ ....Erie, Pa	“ “
“ ....Farga, N. D.	“ “
“ ....Hartford, Conn.	“ “
“ ....Minneapolis, Minn.	“ “
“ ....Omaha, Neb.	“ “
“ ....St. Paul, Minn.	“ “
“ ....South Bend, Ind.	“ “
“ ....Taunton, Mass.	“ “
“ ....Troy, N. Y.	“ “
“ ....Utica, N. Y.	“ “
“ ....Watertown, N. Y.	“ “
“ ....Williamsport, Pa.	“ “
“ ....London, Ont.	
U. S. Army Bldg., Fort Snelling, N. D.	U. S. Engineer.
“ “ ....St. Paul, Minn.	George Wirth.
State Capitol ....St. Paul, Minn.	L. S. Buffington.
State Normal School, Providence, R. I.	Martin & Hall.
City Hall... ....Milwaukee, Wis.	Edw. V. Koch & Co.
“ ....Minneapolis. Minn.	Long & Kees.
“ ....St. Paul, Minn.	E. P. Bassford.
Public Library........	“
Free Public Library...Hoboken, N. J.	Albert A. Beyer.
Polhemus Clinic......Brooklyn, N. Y.	Marshall Emery.

Extracts from Testimonials on Post Offices, Public Buildings, Etc.

“It saves fuel and the constant “banging” made by the common door, besides this, ingress and egress are more easily and quickly made.”

“Almost every devise for the purpose was experimented with, but comfort and relief was only attained when your Storm Door was secured. It is a great success.

“They have greatly promoted the comfort of the employes of the office during the winter, and have been the means of saving in expenditure for fuel. They are invaluable additions to the building.”

“In consequence of its introduction here, a large vestibule has been dispensed with, thus affording increased accommodation which was very much needed. It answers both for a summer and a winter door.”

“When your doors were placed in this building a marvelous change in the temperatures of the corridors was effected. Before this, they were never properly warmed, from the time the building was erected in 1886.”

“It affords me pleasure in stating that the doors are giving us and the Public unqualified satisfaction. Our corridors are now kept at a comfortable temperature, and this is remarked not only by the clerks, who have formerly suffered so much, but also by the Public.”

“The county has saved in the cost of fuel during the four months from December to April. the time, the Revolving Doors have been on the building, over the previous winter, taking the same months—**$450.96.** Our radiators in the upper halls have been and are now, turned off.”

“Some small children frequent the Public Library. The revolving doors are quite easy for them to open and admit more readily of a large number of persons passing than the old type of doors. Every one in and about the building speak highly of them, while the economy in fuel is quite gratifying to me.”

BANKS, TRUST COMPANIES, Etc.

	Architects of Bldg's named.
Colonial Trust Co.........N. Y. City.	Geo. B. Post.
Am. Exchange Nat'l Bank, “	
First National Bank....Duluth' Minn.	Traphagen & Fitzpatrick
Fargo “ .....Fargo, N. D.	Orff & Joralemon.
G. F. Nat'l Bank, Grand Forks, N. D.	B. W. Fiske.
First National Bank, Milwaukee, Wis.	E. Townsend Mix.
Minn. Trust Co., Minneapolis, Minn.	E. J. Hodgson.
Bank of Commerce,	
Equitable Trust Co., Philadelphia, Pa.	Will. H. Decker.
Germania Bank.......St. Paul, Minn.	J. W. Stevens.
Nat'l German Am. Bank, “	George Wirth.
Bank of Minnesota, “	Wilcox & Johnston.
First National Bank, “	D. W. Millard.
Citizens' Bank.......Wahpeton, N. D.	Orff & Joralemon.
Ottawa Bank...........Ottawa, Ont.	Matthew Sheard.
Bank of Montreal .....St. John, N. B.	Robert Wiley.
“ “ .....Montreal, Que.	
Can. Bank of Commerce, “	

Extracts from Testimonials on Banks and Trust Companies.

“The two Revolving Doors placed in our building are entirely satisfactory to us in every way.”

“We think it a great mistake that any business house in the city is without one or more of these doors.”

“The Revolving Door which you placed in the entrance to our Bank gives us entire satisfaction. We are satisfied that the door will prove to be an economical and convenient one for our purposes.”

“We wish to say that we are highly pleased with the Revolving Door that you placed in the vestibule of our bank. The vestibule is now warm and comfortable for the first time since the bank was built.”

STORES.

	Architects of Bldg's named.
Ludwig, Baumann & Co..N. Y. City.	
A. D. Matthews & Sons Bklyn., N. Y.	John Mumford.
Stephen Merritt Co...... N. Y. City.	
Montgomery Ward & Co., Chicago, Ills	Richard E. Schmidt.
Donaldson's Dept. Store, Minn's, Minn.	Long & Kees.
Minn. Dry Goods Co.	“
Gordon Bros........	“

Extracts from Testimonials on Stores.

“Our first floor has been **5** to **10** degrees warmer than in corresponding weather in other years. You may refer to us at any time.”

“The space, even near the entrance, is kept in a comfortable condition, saving both customers and employes from the ill effects of the cold wind.”

“At the suggestion of our architect, Mr. Richard E. Schmidt, we put one of your Revolving Doors in our main entrance. It is simply *great.* we could not keep house without it and be comfortable.”

“It keeps all parts of my place at an even temperature, and enables me to turn off more than half of my radiators. From four to five thousand people in a day have passed in and out with more freedom than the old door, besides protecting them and my employes from the chilling drafts.”

MISCELLANEOUS.

	Architects of Bldg's named.
N. Y. Journal, Mailing Room, N. Y. City.	Clinton & Russell.
Apartment Building.. “	John A. Hamilton.
Ill. Central R. R.........Chicago, Ill.	Bradford L. Gilbert.
North. Pa. Ry. Station St. Paul, Minn.	Cass Gilbert.
Tuxedo Club..........Tuxedo, N. Y.	
Mosebach's Restaurant.....Phila., Pa.	
Thackara's “ “	
Green Dragon “ Boston, Mass.	
Newman's “ St. Paul, Minn.	Herman Kretz & Co.
Nasmith & Co. “ Toronto, Ont.	Smith & Gemmel.

Extracts from other Testimonials.

“This door is the best thing of the kind that I have ever seen, and I am glad to add my testimony to its worth.”

“Compared with the first cost, the wisdom of using such a device must be apparent to everybody as against the old fashioned type of storm door.”

“I cordially recommend it as the very best thing of its kind I ever saw, saving more than its price in fuel in one winter, saying nothing of the comfort whatever.”

“The strongest wind accompanied by zero temperature is excluded in the most perfect manner, and has saved the county and city a large amount of fuel.”

“I at no time found any trouble in its use, a solid stream of persons passing in, and another out, without collision, and with much more freedom than the old style swinging doors I had in use.”

“From observations of the practical working of this door we find the invention performs all that is claimed for it. The device is also well adapted for use of a fire door in passages between communicating buildings.” (Extract from report of Franklin Institute, Phila.)

Complete copies of testimonials, from which above extracts were taken, sent on application.

SEND FOR DESCRIPTIVE CIRCULARS.

VAN KANNEL REVOLVING DOOR CO.

253 BROADWAY, NEW YORK.

(OVER)

Form 39.
Edition 1898.

Buildings Equipped with Revolving Doors.

VAN KANNEL REVOLVING DOOR CO., 253 Broadway, New York.

OFFICE BUILDINGS.

	Architects of Bldg's named.
Commercial Cable Bldg...N. Y. City.	Geo. E. Harding & Gooch
Queen Insurance Co....... "	" "
Postal Telgraph Building.. "	" "
Gerken Building.......... "	" "
Dun Building............ "	" "
Pulitzer Building.......... "	Geo. B. Post.
N. Y. Life Ins. Building... "	McKim, Mead & White.
N. Y. Herald Building.... "	" "
American Surety Building, "	Bruce Price.
American Tract Soc'y Bldg. "	R. H. Robertson.
Seabury Building......... "	Jos. A. Stark.
Manhattan Life Building.. "	Kimball & Thompson.
Matheson Building........ "	Geo. P. Chappell,
Boreel Building........... "	Mr. Hatch.
Bowling Green Bldg....... "	W. & G. A. Audsley.
American Cotton Oil Bldg. "	Trowbridge & Livingston
Boston Globe..........Boston, Mass.	Winslow & Wetherell.
Buffalo Ger. Ins. Bldg., Buffalo, N. Y.	Richard A. Waite.
Board of Trade Bldg....Columbus, O.	Elah Terrell.
First Nat. Bank Bldg., Duluth, Minn.	Traphagen & Fitzpatrick
Torrey Building....... "	" "
Exchange Building,... "	W. L. B. Jenney.
Lonesdale Building ... "	Palmer, Hall & Hunt.
Mich. Trust Bldg, Grand Rapids, Mich.	[& Lawrie.
Tod Office Bldg...Great Falls, Mont.	Mendelssohn, Fisher
Postal Teleg'ph Bldg., Kan. City, Mo.	Root & Siemens.
N. Y. Life Bldg...Minneapolis, Minn.	Babb, Cook & Willard.
Minneapolis Journal, "	
Syndicate Block.... "	Long & Kees.
Flour Exchange.... "	"
Boston Block....... "	"
Guaranty Loan Bldg., "	E. Townsend Mix.
Temple Court...... "	"
Century Building... "	
Corn Exchange .... "	
Telephone Exchange "	W. B. Dunnell.
Northwestern Bldg., "	
Phoenix Building .. "	James C. Plant.
Butler Exchange....Providence, R. I.	Arthur Gilman.
Carnegie Building......Pittsburg, Pa.	Alden & Harlow.
Westinghouse Building.. "	Andrew Peebles.
Wilder Building.....Rochester, N. Y.	
Ellwanger & Berry Bldg., "	A. J. Warner.
Wm. Brown Building, Rockford, Ills.	Chas. S. Frost.
Lowry Building.......St. Paul, Minn.	Long & Kees.
Pioneer Press Building, "	S. S. Beman.
West Publishing House, "	J. W. Stevens.
Baltimore Block....... "	"
Newspaper Building... "	"
Washburn Building.... "	E. H. Kastner.
N. Y. Life Building... "	Babb, Cook & Willard.
Globe Building......... "	E. Townsend Mix.
Germania Life Bldg... "	E. P. Bassford.
Kendrick Block....... "	A. F. Gauger.
Connell Building.......Scranton, Pa.	Lansing C. Holden.
Herald Building......Syracuse, N. Y.	Archimedes Russell.
University Block......... "	Green & Wicks.
Security Bank Bldg. Sioux City, Iowa	W. D. McLaughlin.
Nasby Building............Toledo, O.	E. O. Fallis.
Canada Life Building, Hamilton, Ont.	Richard A. Waite.
" " Montreal, Que.	"
Imperial Insurance Co., "	C. W. Clinton.
Standard Assurance Co., "	
Can. Life Assurance Co., Toronto, Ont.	R. A. & W. T. Waite.
Temple Building....... "	George W. Gouinlock.

Extracts from Testimonials on Office Buildings.

"In the past year it affected a saving of about 50 tons of coal."

"We pronounce them a grand success, not only as doors, but as fuel savers. We could hardly get along without them now."

"It has given complete satisfaction both as a dust and wind excluder in the summer, and as a cold excluder in the colder months."

"To say that they are a good thing and do the work for which they are intended, hardly expresses it. We simply could not do without them."

"Your doors make ingress and egress to our building an exeedingly easy thing for even a child. They will save us fully **$3** to **$5** per day in fuel."

"The revolving doors have given every satisfaction to myself, tenants and the general public. They have saved a good round sum in fuel during the past winter."

"The Revolving Doors placed by your Company, do all that is claimed for them. It is perfect of its kind, prevents drafts of air, saves fuel, and pleases the tenants."

"As a heating engineer, I had an excellent opportunity of testing its merits and during the coldest weather I have found the Revolving Door saved fully 50 per cent. of fuel in the halls of this building."

"We desire to say that the door has given us and our tenants unqualified satisfaction: and we herewith place our order for a duplicate of the same, at the same price, for the entrance on Minnesota street."

"We found it impossible to keep storm doors at these entrances, but since your doors have been installed we have had no trouble from drafts, and access to the building has been as easy as in the summer time."

HOTELS.

	Architects of Bldg's named.
Waldorf-Astoria Hotel.....N. Y. City.	H. J. Hardenbergh.
Hotel Manhattan.......... "	"
Imperial Hotel............ "	McKim, Mead & White.
Grand Hotel.............. "	
Hotel Margaret......Brooklyn, N. Y.	Frank Freeman.
Thorndyke Hotel.......Boston, Mass.	J. F. C. Thayer.
Hotel La Touraine...... " "	Winslow & Wetherell.
Iroquois Hotel.........Buffalo, N. Y.	C. L. W. Eidlitz.
Great Northern Hotel...Chicago, Ills.	D. H. Burnham & Co.
Reed House................Erie, Pa.	Porter & Watkins.
Palmer House....Grand Island, Neb.	
Midland Hotel......Kansas City, Mo.	Burnham & Root.
Hotel Pfister.........Milwaukee, Wis.	Koch & Esser.
Hotel Nicollet.....Minneapolis, Minn.	
Continental Hotel......Newark, N. J.	
Hotel Grunewald...New Orleans, La.	
St George Hotel........Nyack, N. Y.	Watson De Baun.
Hygeia Hotel, .Old Point Comfort, Va.	
Millard Hotel...........Omaha, Neb.	Fisher & Lawrie.
Hotel Nelson..........Rockford, Ills.	Chas. S. Frost.
Hotel Barteau.........St. Paul, Minn.	Albert Zhockee
Hotel Ryan........... " "	J. J. Egan.
Hotel Garrettson....Sioux City, Iowa.	
Hotel Manitoba....Winnipeg, Mani'a.	Millard & Joy.

Extracts from Testimonials on Hotels,

"There is no denying the fact that it is the most satisfactory door for an outside entrance we have ever seen."

"There are no open doors, no slamming of doors, no draught in the rotunda, and by preventing any draught of cold, are great fuel savers."

"We have tested it under all circumstances, such as crowds passing through in a hurry, in driving snow storms, etc., and in no case experienced the slightest difficulty."

"It prevents draught, keeps out cold air and saves fuel, and better than all stops the slamming, and in fact fulfils to the letter all the conditions set forth in your circular."

"It has greatly added to the beauty of the vestibule, admitting more light and making the entrance decidedly more inviting and accessible. The door is easier operated than the old style doors."

"The annoyance of the slamming of doors is entirely done away with, and all draughts are avoided. We recommend these doors in all public buildings where there are a large number of persons passing daily."

(OVER)

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